



*Concurrent
Technologies
Corporation*

***Providing World-Class Services for
World-Class Competitiveness***

About *CTC*

- **Independent nonprofit**
- **Professional services organization**
- **Staff of over 700 professionals
(over 1/3 with advanced degrees)**
- **750,000 sq. ft. of office, laboratory,
and demonstration factory space**
- **More than 20 CTC sites throughout
the U.S.**
- **ISO 9001 & 14001 certified**

CTC Program Focus Areas

- **Mid Atlantic Regional Consortium For Advanced Vehicles (MARCAV)**
- **National Applied Software Engineering Center (NASEC)**
- **National Center For Excellence In Metalworking Technology (NCEMT)**
- **National Defense Center For Environmental Excellence (NDCEE)**
- **National Electronic Commerce Resource Center (NECRC)**

Capabilities

- **Information technologies**
- **Demonstration, validation, optimization, and implementation**
- **Education and training**
- **Electronic commerce**
- **Energy conservation and systems**
- **Environment, health and safety consulting and technologies**
- **Automation technologies**
- **Information and systems engineering**
- **Health care consulting and technologies**
- **Laboratory testing and analysis**
- **Management systems consulting and outsourcing**
- **Management systems for international standards**
- **Material science and processing**
- **Manufacturing improvement**
- **Modeling and simulation**

National Electronic Commerce Resource Center (NECRC)

- Addresses:
 - Digital information technologies**
 - Engineering/manufacturing/logistics data**
 - Representation/management/interchange**
 - Defense technologies deployment to**
- issues
- functions
- industry
- Through:
 - Product data modeling**
 - Manufacturing process application protocols**
 - Information standards implementation**
 - National outreach networking**

Information Technologies

- **Business computing**
- **Collaborative engineering and distributed computing**
- **Desktop/network design and operation**
- **Internet/intranet design and operation**
- **Video-teleconferencing**
- **Web technologies**
- **Software engineering**
- **Nationwide wide area network**
- **IDS applications installed**
- **CERT compliance**
- **SMS software distribution**
- **Installed and supported VPN**
- **Isolated/secure network**
- **ISP services (*CTCnet®*)**
- **Knowledge management**
- **Enterprise integration**
- **Information systems security**

Electronic Commerce

- **Database design and development**
- **Electronic data interchange**
- **Legacy data management**
- **Systems integration**
- **Technical data interchange**
- **Secure EC transactions**

Technical Development Activity Projects and Selected Delivery Orders

- **Navy Technical Document Access System (NTDAS)**
- **DFAS Web Invoicing System (WInS)**
- **Diminishing Manufacturing Sources (DMS)**
- **Serial Number Tracking System (SNTS)**
- **Navy Electronic Commerce Online (NECO)**
- **Internet Quoting System (IQS)**
- **Parts Library and STEP for Shipbuilding Product Data**

Joint Computer-Aided Acquisition and Logistics Support

**Department of Defense Industry
Leader**
The Bricks of the DoD

Industry Trends

- **Build It and They Will Come**
- **Content**
- **Community**
- **Exchanges**
- **Connectivity**

Industry Trends

■ Customer Relationship Management

- Make Them Remember You

- B2B
- B2C
- B2E
- B2A

What We Have Learned

- **Level of Frustration**
- **Need to Engage**
- **Desire to Use When Trained**
- **Not Without Problems**

JCALS Training Support

- **Received First Request from NAVSSES (NAVSEA Philadelphia)**
- **Obtained Ground Zero Knowledge**
- **Developed and Deployed Training Program**
 - Development Time: 500+ Man-hours
 - In-service Training Time: 550+ Man-hours

Past Performance

- **500 Navy personnel and contractors**
- **Conducted 64 On-Site Training Sessions**
- **Each session = 8.0 hours typ.**
 - NAVSSES (NAVSEA Philadelphia)
 - NUWC (Keyport)
 - NAVICP (Mechanicsburg)
 - SUPSHIP (Bath)
 - NAVSEA (Crystal City)
 - NAVICP (Philadelphia)

Obtained

- **Institutional and Functional Knowledge**
- **JCALS strengths and weaknesses**
- **Ability to address issues requiring CSC attention in the form of IRTS**

ECRC Program Cuts

- **Because of the program cuts, larger percentage of budget (time) must be directed to JECPO-supported programs, including**
 - **Wide Area Workflow, eMall, PKI, etc.**
- **Fewer discretionary projects**
- **In addition, we must continue to provide assistance to small and medium-sized DoD vendors and the supply chain they feed**

Skills Sets Available

- **Technical Support**
- **Training**
- **Business Process Reengineering**
- **Application Development**
- **Help Desk**
- **Industrial Liaison**
- **Program Facilitation**

Questions We Have

- **Direction**
- **Systems and Process Integration**
 - **Wide Area WorkFlow**
 - **PDML**
 - **Product Data Management**
 - **Engineering Change Proposal**
 - **Engineering Change Management**
 - **Design Change Notice**
- **Supplier Integration and Commercial Trends**

Next Steps

- **Obtain Buy-in From Major Commands**
- **Design Service-wide Support Program**
- **Establish Target Dates**
- **Obtain Funding**

Questions and Answers

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